INTERNATIONAL SEARCH REPORT

Interiorical Application No PCT/JP2004/@12222

A CLASSII IPC 7	FICATION OF SUBJECT MATTER C09K3/14 C01B21/064 C04B35/5	831 B24D5/06					
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED							
	cumentation searched (classification system followed by classification	symbols)					
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Documental	ion searched other than minimum documentation to the extent that such	on documents are included in the fields sea	iraneja				
Electronic d	ata base consulted during the international search (name of data base	and, where practical, search terms used)					
EPO-Internal, WPI Data, PAJ, CHEM ABS Data, COMPENDEX, INSPEC							
С. DOCUM	ENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where appropriate, of the relevant	ant passages	Relevant to claim No.				
x	US 5 332 629 A (SUMIYA ET AL) 26 July 1994 (1994-07-26) claim 1; figure 14; examples; tab	1-4,18					
x	EP 0 407 946 A (SUMITOMO ELECTRIC INDUSTRIES, LIMITED; SUMITOMO ELECTRIC INDUSTRIES, L)		1-4,17, 18				
	16 January 1991 (1991-01-16) claim 1; examples						
E	WO 2004/069399 A (SHOWA DENKO K.K HIROHIKO; IHARA, EIJI; TSUJI, KAT 19 August 2004 (2004-08-19) claims		1-4,17, 18				
E	-& US 2004/265203 A1 (OHTSUBO HIR AL) 30 December 2004 (2004-12-30) claims 1,3	OHIKO ET	1-4,17, 18				
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Further documents are listed in the continuation of box C. X Patent family members are listed in annex.							
"A" docume	tagories of cited documents : ent defining the general state of the art which is not lered to be of particular relevance	T later document published after the inte or priority date and not in conflict with cited to understand the principle or the	the application but				
	document but published on or after the international	invention "X" document of particular relevance; the cannot be considered novel or cannot	slaimed invention				
citatio	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	Involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an in	cument is taken alone claimed invention ventive step when the				
other	means ent published prior to the international filling data but	document is combined with one or moments, such combination being obvious in the art.	us to a person skilled				
	han the priority date claimed actual completion of the international search	"&" document member of the same patent Date of mailing of the international sea					
1	February 2005	1 3 0	·				
Name and malling address of the ISA		Authorized officer .					
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,	Munro, B					
	Fax: (+31-70) 340-3016						

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)							
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:							
2. Claims Nos.: because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:							
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).							
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)							
This International Searching Authority found multiple inventions in this international application, as follows:							
see additional sheet							
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.							
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee							
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:							
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-4, 17 (part), 18 (part)							
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.							

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4, 17(part), 18(part)

Cubic boron nitride having a certain magnesium content, a grinding wheel comprising the same and a sintered compact comprising the same.

2. claims: 5-16, 17(part), 18(part)

A method for producing cubic boron nitride using a catalyst substance which comprises a lithium source, a magnesium source and a carbon source, the product obtainable by the process, a grinding wheel comprising the product obtainable by the process and a sintered compact compring the product obtainable by the process.

INTERNATIONAL SEARCH REPORT

iformation on patent family members

International Application No PCT/JP2004/012222

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